From-BROWDY NE

In re of Appln. No. 09/155,676

68 (Thrice-amended). A method for producing a polypeptide that binds to TRAF2 and either inhibits or increases the activity of NF-kB, comprising:

growing transformed host cells in accordance with claim 67 under conditions for the expression of an expression product from said cells;

effecting post-translational modification of said expression product as necessary for obtaining said polypeptide; and

isolating said polypeptide.

## REMARKS

Claims 13-16, 20-22, 30, 43-50, 52-60 and 62-69 presently appear in this case. Reconsideration and allowance are hereby respectfully urged.

On July 2, 2002, the examiner in charge of this application issued an Advisory Action concerning the term "inhibits or decreases" which had been corrected in claim 69 to read "inhibits or increases" by means of the supplemental amendment filed on May 10, 2002, but had not been corrected in claim 55. While reviewing the claims, it has been noted that the term "inhibits or decreases" also occurred in claims 59, 62 and 68. This amendment is being made to correct all of these claims.

In re of Appln. No. 09/155,676

From-BROWDY N

All of the claims now present in the case clearly define over the references of record and fully comply with 35 U.S.C. §112 for the reasons set forth in applicants' amendment of March 20, 2002. Entry and consideration of the present amendment, in conjunction with applicants' amendments of March 20, 2002, April 17, 2002, and May 10, 2002, and allowance of the case are, therefore, earnestly solicited.

Attached hereto is a marked-up version of the changes made to the claims by the current amendment. The attached page is captioned "Version with markings to show changes made".

Respectfully submitted,

BROWDY AND NEIMARK, P.L.L.C. Attorneys for Applicant(s)

Ву

Roger L. Browdy

Registration No. 25,618

RLB:rd

Telephone No.: (202) 628-5197 Facsimile No.: (202) 737-3528 G:\DN\I\inl2\wallacn21\pto\AmendmentL.doc

In re of Appln. No. 09/155,676

## CERTIFICATE OF FACSIMILE TRANSMISSION

I hereby certify that this paper is being facsimile transmitted to the Patent and Trademark Office on the date shown below.

Rae Dethlefsen

Name

July 10, 2002

Date

In re of Appln. No. 09/155,676

From-BROWDY N

## Version with Markings to Show Changes Made

Claims 55, 59, 62, and 68 have been amended as follows:

- 55 (Amended Twice-amended). A DNA sequence encoding a polypeptide that binds to TRAF2 and either inhibits or decreases increases activity of NF-kB, selected from the group consisting of
- (i) a cDNA sequence comprising the nucleotide sequence of SEQ ID NO:1;
- (ii) a cDNA sequence comprising the nucleotide sequence of SEQ ID NO:6;
- (iii) a cDNA sequence comprising the nucleotide sequence of SEQ ID NO:4;
- (iv) a fragment of a sequence of (i)-(iii) which encodes a polypeptide that binds to TRAF2 and either inhibits or <u>increasesdecreases</u> the activity of NF-kB;
- (v) a DNA sequence capable of hybridization to a sequence of (i)-(iv) under moderately stringent conditions and which encodes a polypeptide that binds to TRAF2 and either inhibits or <u>increasesdecreases</u> the activity of NF-kB; and
- (vi) any DNA sequence other than those defined in (i)-(v) which encodes a polypeptide in accordance with claim 51.

Jul-10-2002 16:56

- 59 (Thrice-amended Four times-Amended). A DNA sequence encoding
  - a polypeptide in accordance with claim 53, or (1)
- a polypeptide that binds to TRAF2 and either inhibits or increases decreases the activity of NF-xB and is encoded by a DNA sequence capable of binding to a DNA sequence encoding the sequence of (1) under moderately stringent conditions.
- 62 (Amended Twice amended). An isolated polypeptide comprising the amino acid sequence set forth as SEQ ID NO:7 or an analog thereof which differs from the sequence of SEQ ID NO:7 by a substitution, deletion or insertion of a single amino acid, which analog binds to TRAF2 and either inhibits or increasesdeereases the activity of NF-kB.
- 68 (Twice amended Thrice-amended). A method for producing a polypeptide that binds to TRAF2 and either inhibits or increasesdecreases the activity of NF-KB, comprising:

growing transformed host cells in accordance with claim 67 under conditions for the expression of an expression product from said cells;

effecting post-translational modification of said expression product as necessary for obtaining said polypeptide; and

2027373528

'-783 P.009/009 F-640

In re of Appln. No. 09/155,676

isolating said polypeptide.